

1-31-92

To the Honorable Commissioner of Patents and T

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02-08-2002

IT

U.S. DEPT. OF COMMERCE

Patent & Trademark Office

nal documents or copy thereof.



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1. Name of conveying party(ies): 1-31-02 2. Name and address of receiving party(ies):

David Kenyon VAIL

Name: Harris Corporation

Frank J. TABOR

Address: 1025 West NASA Blvd.

Daniel P. BLOM; Stephen S. WILSON

Melbourne, FL 32919

Additional name(s) of conveying party(ies) attached () Yes (X) No

3. Nature of Conveyance:

(X) Assignment

() Merger

() Security Agreement

() Change of Name

() Other

Execution Date: 1-31-02 4) 1/7/02

Additional name(s) and address(s) attached? () Yes (X) No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent application No.(s)

B. Patent No.(s)

09/991,481

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom
correspondence concerning document
should be mailed:6. Total number of applications
and patents involved: [1]Name: Christopher F. Regan, Esq.7. Total fee (37 CFR 3.41).....\$ 40.00Internal Address: Allen, Dyer,

[] Enclosed

Doppelt, Milbrath & Gilchrist, P.A.[X] Authorized to be charged to
deposit account.Street Address: 255 S. Orange Ave.P.O. Box 3791

8. Deposit Account Number:

City: Orlando08-0870State: Florida Zip: 32802If any additional extension and/or fee is required,
or, if any additional fee for claims is required.02/07/2002 GTOM11 00000256 080870 09991481
01 FC:581 40.00 CH

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and
correct and any attached copy is a true copy of the original document.John F. Woodson, II
Name of Person Signing
SignatureJanuary 16, 2002
DateTotal number of pages including cover sheet, attachments and document: [5]
GCSD-1163 (51235)PATENT
REEL: 012548 FRAME: 0166

A S S I G N M E N T

WHEREAS, **David Kenyon VAIL** of West Melbourne, Florida, and **Frank J. TABOR** of Melbourne, Florida, and **Daniel P. BLOM** of Palm Bay, Florida, and **Stephen S. WILSON** of Melbourne, Florida; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **PHASED ARRAY ANTENNA INCLUDING AN ANTENNA MODULE TEMPERATURE SENSOR AND RELATED METHODS**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on November 9, 2001, in the United States Patent and Trademark Office and assigned Serial No. 09/991,481; and

WHEREAS, **HARRIS CORPORATION**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the

full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

In Witness Whereof, I have hereunto set my hand and seal this 4th day of January, 2002.

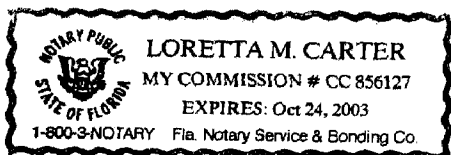
David Kenyon Vail
David Kenyon VAIL

State of FLORIDA :
County of BREVARD : ss.

On this 4 day of JANUARY, 2002

before me personally appeared the above-named ASSIGNOR, **David Kenyon VAIL**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

S E A L



Loretta M. Carter
Notary Public
My commission expires:

In Witness Whereof, I have hereunto set my hand
and seal this 4 day of January, 2002

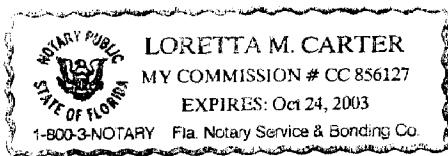
Frank J. Tabor
Frank J. TABOR

State of FLORIDA :
County of BREVARD : ss.

On this 4 day of JANUARY, 2002

before me personally appeared the above-named ASSIGNOR, **Frank J. TABOR**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

S E A L



Loretta M. Carter
Notary Public
My commission expires:

In Witness Whereof, I have hereunto set my hand
and seal this 4th day of JANUARY, 2002

Daniel P. Blom
Daniel P. BLOM

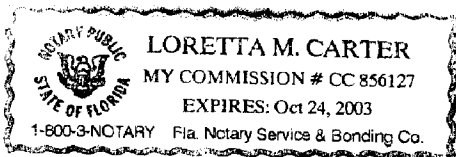
State of FLORIDA :
County of BREVARD : ss.

On this 4 day of JANUARY, 2002

before me personally appeared the above-named ASSIGNOR, **Daniel P.**

BLOM, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

S E A L



Loretta M. Carter
Notary Public
My commission expires:

In Witness Whereof, I have hereunto set my hand and seal this 7th day of JAN, 02.

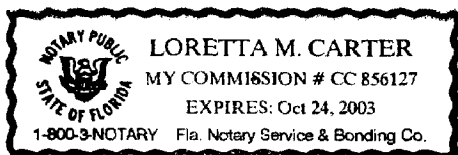
Stephen S. Wilson
Stephen S. WILSON

State of FLORIDA :
County of BREVARD : ss.

On this 7 day of JANUARY, 2002

before me personally appeared the above-named ASSIGNOR, **Stephen S. WILSON**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

S E A L



Loretta M. Carter
Notary Public
My commission expires: